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United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

DECEMBER 1941

Any five of the nontechnical publications listed herein, unless indicated "For sale only," may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.

Free distribution of technical material and periodicals is restricted.

This monthly list will be sent free on request made to the Office of Information, U. S. Department of Agriculture, Washington, D. C.

FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

Diseases and parasites of poultry. Hubert Bunyea and E. E. Wehr, Bureau of Animal Industry. 82 p., illus. (F. B. 1652F., rev.) Price 15¢.

Potato diseases and their control. T. P. Dykstra, Bureau of Plant Industry. 65 p., illus. (F. B. 1881F.) Price 10¢.

Poultry cooking. Lucy M. Alexander, Bureau of Home Economics. 33 p., illus. (F. B. 1888F.) Price 10¢.

Control of insects and mites attacking narcissus bulbs. Charles F. Doucette, Bureau of Entomology and Plant Quarantine. 25 p., illus. (F. B. 1890F.) Price 10¢.

Coat making at home. Margaret Smith, Bureau of Home Economics. 27 p., illus. (F. B. 1894F.) Price 10¢.

TECHNICAL BULLETINS

The Technical Bulletin series contains the results of scientific and research work applying to a special crop, industry, or locality. The editions are limited as they are intended primarily for scientific workers and subject-matter specialists.

Arsenic in natural phosphates and phosphate fertilizers. T. H. Tremearne and K. D. Jacob, Bureau of Plant Industry. 40 p., illus. (T. B. 781T.) Price 10¢.

The vitamin A values of 128 foods as determined by the rat-growth method. Lela E. Booher and Rosemary Loughlin Marsh, Bureau of Home Economics. (T. B. 802T.) 30 p., illus. Price 10¢.

CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

Mushroom pests and their control. A. C. Davis, Bureau of Entomology and Plant Quarantine. 27 p., illus. (Cir. 457C., rev.) Price 10¢.

Storage quality of the principal American varieties of onions. Roy Magruder and R. E. Wester, Bureau of Plant Industry; H. A. Jones and T. E. Randall, California Agricultural Experiment Station; G. B. Snyder, Massachusetts State College; H. D. Brown, Ohio Agricultural Experiment Station; Leslie R. Hawthorn, Texas Agricultural Experiment Station and Bureau of Plant Industry. 48 p. (Cir. 618C.) Price 10¢.

A practical seed-cotton moisture tester for use at gins. George E. Gaus and Charles S. Shaw, Agricultural Marketing Service; and Waldo H. Kliever, Bureau of Agricultural Chemistry and Engineering. 26 p., illus. (Cir. 621C.) Price 10¢.

Protein-digesting enzymes of papaya and pineapple. A. K. Balls, Bureau of Agricultural Chemistry and Engineering. 9 p., illus. (Cir. 631C.) Price 5¢.

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MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the Department, particularly those of a size other than octavo.

Early American soil conservationists. Angus McDonald, Soil Conservation Service. 63 p., illus. (M. P. 449M.) Price 15¢.

List of bulletins of the agricultural experiment stations for the calendar years 1939 and 1940. Catherine E. Pennington, Office of Experiment Stations. 86 p. (M. P. 459M.) Price 15¢. For sale only.

Annotated list of elm insects in the United States. Clarence H. Hoffmann, Bureau of Entomology and Plant Quarantine. 20 p. (M. P. 466M.) Price 5¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. Free distribution is limited to persons in the employ of the Department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

Bureau of Animal Industry. Service and regulatory announcements. October 1941. Pp. 87–95. (S. R. A.–B. A. I. 414); Pp. 97–104. (S. R. A. B. A. I. 415). Price 5¢ a copy, 25¢ a year.[1]

Bureau of Entomology and Plant Quarantine. Service and regulatory announcements. July–September 1941. Pp. 65–85. (S. R. A.–B. E. P. Q. No. 148.)[2]

OTHER PUBLICATIONS

New Hampshire farm handbook 1941. In cooperation with the Extension Service of the University of New Hampshire. 67 p. Price 15¢.

Report of the Chief of the Bureau of Animal Industry, 1941. J. R. Mohler. 92 p. Price 10¢.

Report of the Chief of the Bureau of Dairy Industry, 1941. O. E. Reed. 51 p. Price 10¢.

Report of the Chief of the Bureau of Home Economics, 1941. Louise Stanley. 24 p. Price 5¢.

Report of the Chief of the Office of Experiment Stations, 1941. James T. Jardine. 26 p. Price 10¢.

Report of the Director of Information, 1941. Morse Salisbury. 17 p. Price 5¢. For sale only.

Report of the Librarian, 1941. Ralph R. Shaw. 18 p. Price 5¢. For sale only.

Report of the President of the Commodity Credit Corporation, 1941. J. B. Hutson. 25 p. Price 10¢.

Report of the Solicitor, 1941. Mastin G. White. 29 p. Price 10¢. For sale only.

RURAL ELECTRIFICATION ADMINISTRATION

Can you afford to operate an unelectrified farm? Folder.[2]

Cold weather is no match for your electric refrigerator. Folder.[2]

The electric feed mixer. Folder.[2]

The small portable motor. Folder.[2]

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 25, No. 12, December 1941. Price 5¢ a copy; 50¢ a year, domestic; 70¢ a year, foreign.[1]

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

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[1] Payable to the Superintendent of Documents. Government Printing Office, Washington, D. C.

[2] These may be obtained from the issuing bureau.

Indicate below by numbers IN NUMERICAL ORDER, bulletins desired. In order to assure prompt delivery detach this frank and return it in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications. If more are desired, please apply to Superintendent of Documents, Government Printing Office, Washington, D. C., enclosing remittance to cover cost of publication. Be sure to fill in blank form on reverse side.

Farmers' Bulletins	Leaflets	Other publications

Crops and markets. Vol. 18, No. 11, November 1941. Price 10¢ a copy; $1.00 a year, domestic; $1.50 a year, foreign.[1]

Statistics concerning crop and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions, and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

Experiment station record. Vol. 86, No. 1, January 1942. Price, $1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; $1.75 per volume, foreign.[1] Single numbers for sale only. Price 15¢.

A technical review of scientific literature pertaining to agriculture.

Extension service review. Vol. 12, No. 12, December 1941. Illus. Price 10¢ a copy; $1.00 a year, domestic; $1.40 a year, foreign.[1]

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

Foreign agriculture. Vol. 5, No. 12, December 1941. Illus. Price 10¢ a copy; $1.00 a year, domestic; $1.60 a year, foreign.[1]

A 48-page monthly periodical containing articles on foreign government policies relating to agriculture, foreign agricultural production and international trade in agricultural products. The articles in general are the result of special research or field investigations conducted by the office staff or commodity specialists of the Office of Foreign Agricultural Relations. Designed primarily for those who are interested in following changes in foreign policies as they affect agriculture.

Journal of agricultural research. Price $3.25 a year, domestic; $4.75 a year, foreign. Each issue, 15¢, domestic; 20¢ foreign. Separates, 5¢ domestic; 8¢ foreign.[1] ***Not distributed free to individuals.***

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Washington, D. C., at 5¢ each. **The Office of Information has none for general distribution.**

A–203. (In Vol. 63, No. 4.) **Use of the penetrometer for determining the firmness of fatty tissue of hog carcasses.** R. L. Hiner and O. G. Hankins.

A–204. (In Vol. 63, No. 1.) **Use of sodium bifluoride and sodium silicofluoride in the disinfection of hides.** C. A. Manthei and A. Eichhorn.

A–205. (In Vol. 63, No. 4.) **Factors influencing rate of gain of beef calves during the suckling period.** Bradford Knapp, Jr., and W. H. Black.

A–206. (In Vol. 63, No. 4.) **Survival and development at low temperatures of eggs and preinfective larvae of horse strongyles.** John T. Lucker.

A–207. (In Vol. 63, No. 5.) **"Particles" and their relationship to the structure of animal fibers.** J. I. Hardy and Thora M. Plitt.

E–88. (In Vol. 63, No. 4.) **The hemicelluloses of sugarcane fiber (bagasse).** B. L. Davis and Max Phillips.

G–1210. (In Vol. 63, No. 2.) **Progress of germination of seed of *Digitaria* as influenced by germination temperature and other factors.** Eben H. Toole and Vivian Kearns Toole.

G–1211. (In Vol. 63, No. 2.) **Interspecific genetic relationships in *Lactuca*.** Ross C. Thompson, Thomas W. Whitaker, and William F. Kosar.

G–1212. (In Vol. 63, No. 1.) **Inheritance of a melaninlike pigment in the glumes and caryopses of barley.** R. W. Woodward.

G–1214. (In Vol. 63, No. 3.) **Inheritance of quantitative characters in crosses involving two species of *Lycopersicon*.** LeRoy Powers.

G–1215. (In Vol. 63, No. 3.) **Inheritance of stages of earliness in an interspecific cross between *Lycopersicon esculentum* and *L. pimpinellifolium*.** Channing B. Lyon.

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Journal of agricultural research—Continued.

Separates—Continued.

G–1217. (In Vol. 63, No. 6.) **Responses of some plants to equal and unequal ratios of light and darkness in cycles ranging from 1 hour to 72 hours.** H. A. Allard and W. W. Garner.

G–1218. (In Vol. 63, No. 2.) **Sulphur and trace-element nutrition of *Aspergillus niger*.** Robert A. Steinberg.

G–1219. (In Vol. 63, No. 6.) **Inheritance of susceptibility to infection by *Helminthosporum maydis* race 1 in maize.** Arnold J. Ullstrup.

G–1220. (In Vol. 63, No. 1.) **Further studies of the photoperiodic behavior of some mints (Labiatae).** H. A. Allard.

G–1223. (In Vol. 63, No. 9.) **Microbial responses to organic amendments in Houston black clay.** Roland B. Mitchell, James E. Adams, and Charles Thom.

G–1224. (In Vol. 63, No. 9.) **Soil bacteriological studies on the control of the phymatotrichum root rot of cotton.** Roland B. Mitchell, Dalton R. Hooton, and Francis E. Clark.

G–1233. (In Vol. 63, No. 9.) **Dissemination of fungi that stain logs and lumber.** A. F. Verrall.

K–311. (In Vol. 63, No. 3.) **The buffer capacity of the blood of the sixth instar southern armyworm (*Prodenia eridania*).** Frank H. Babers.

K–312. (In Vol. 63, No. 5.) **Histochemical detection of glycogen in blood cells of the southern armyworm (*Prodenia eridania*) and in other tissues, especially midgut epithelium.** J. Franklin Yeager and Sam C. Munson.

K–313. (In Vol. 63, No. 6.) **Comparative injury by the European corn borer to open-pollinated and hybrid field corn.** L. H. Patch, G. W. Still, B. A. App, and C. A. Crooks.

Minn.–117. (In Vol. 63, No. 4.) **Inheritance of reaction to common scab in the potato.** F. A. Krantz and Carl J. Eide.

Miss.–3. (In Vol. 63, No. 1.) **The effect of fertilization and cultural practices on the oil and ammonia content of cottonseed grown on Yazoo-Mississippi Delta soils.** Marvin Gieger.

Pa.–68. (In Vol. 63, No. 1.) **The distribution of potassium in bright leaf cigarette tobacco and its influence on the quality of the leaf.** M. F. Gribbins, J. J. Reid, and D. E. Haley.

R. I.–6. (In Vol. 63, No. 1.) **A study of the C factor as a requirement for growth of *Hemophilus gallinarum*.** J. P. Delaplane and H. O. Stuart.

Wis.–129. (In Vol. 63, No. 1.) **Certain environal and nutritional factors affecting aphanomyces root rot of garden pea.** Paul G. Smith and J. C. Walker.

——— Vol. 63, No. 12, December 15, 1941.

Land policy review. Vol. 4, No. 12, December 1941. Price 5¢ a copy; 50¢ a year, domestic; 75¢ a year, foreign.[1]

Gives information on current developments in land policy and land programs to workers of the Department of Agriculture and cooperating groups.

Rural electrification news. Vol. 7, No. 4, December 1941. Price 10¢ a copy; 75¢ a year, domestic; $1.15 a year, foreign.[1]

Issued monthly by the Rural Electrification Administration. A summary of rural electrification activities and a clearing house for interchange of information pertaining to utilization of electric power in farm tasks.

[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

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